

★ QST ★

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Better Keying for the Converted BC-457 (H & K)	62, Mar.
Chirp-Free Break-In Keying (Goodman)	28, Oct.
Clamp-Tube Screen-Grid Keyer Circuit (H & K)	51, Nov.
Control Circuit for Viking-I Transmitters (H & K)	47, Oct.
"Do Luxe" Keying Without Relays (Puckett)	20, Sept.
Dot Anticipator for the Electronic Key (Braun)	18, July
Emergency Continuity Tester (H & K)	50, Aug.
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Modification of W5LVD's Break-In System (H & K)	50, Aug.
Modified Switching Circuit for the Elmac Transmitter (H & K)	58, Feb.
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Pulse-Operated Relays for the Ham Transmitter (Ericson)	44, June
Reduced Output from the BC-221A Frequency Meter (H & K)	48, July
Relay-Type Crystal-Switching Circuit (H & K)	71, May
Remote Control with a 420-Mc. Link (Bowles and Dyee)	32, July
Remote Mobile-Antenna Resonating (Picken and Wambusen)	34, Dec.
Remote Tuning for the High-C VFO (Larky)	36, Sept.
Safe Keying of A.C.-D.C. Monitors (H & K)	58, Feb.
Simple Keying Monitor (H & K)	62, Mar.
Simplified Voice Control with a Loudspeaker (Hunter)	18, Oct.
Suitable Relays for the Ultimatic Key	49, Apr.
Transistor M.C.W. Adapter, A (Braun)	51, Sept.
Tube-Keyed Grid-Block Keying (Williams)	16, Nov.
TVG — An Aid to Break-In (Miller and Meichner)	20, Mar.
"Ultimatic" — The Key With a Memory, The (Kaye)	11, Feb.
Using WWV Modulation as Audio Test Signal (H & K)	50, Aug.
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Adding a Bandspread Range to the BC-221 Frequency Meter (Dudley)	38, Aug.
Automatic Scope Monitoring of Transmission and Reception	19, Oct.
Easily-Built Frequency Meter for the Audio Range (Taylor and Bredemeier)	46, Oct.
Electronic Voltmeter in the Amateur Station, The (Seybold)	28, June
Getting Acquainted with the ARRL Lightning Calculator (Mix)	44, Apr.
Handy Handful, A (Chambers)	29, Mar.
High-Voltage Protection in Wavemeter Construction (H & K)	58, Feb.
Increasing the Sensitivity of Grid-Dip Meter Frequency Measurements (H & K)	40, June
Inexpensive L and C Standards	48, Jan.
Let's Use Neon Bulbs (McCoy)	22, July

One Problem in Choosing Test Leads (Cohen and Hesinger).....

47, July

Universal-Shunt Milliammeter Design (Price).....

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Another Method for Posting QSL Cards (H & K).....	51, Nov.
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Illuminated Call Light (H & K).....	51, Nov.
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QTH Finder for Call Book Use (H & K).....	30, Sept.

MISCELLANEOUS — TECHNICAL

Amateur Television Camera, An (Keller).....	10, Nov.
Color Television and the Amateur (Grammer).....	31, Nov.
How To Live Longer (Mix).....	18, June
Magnetic Ceramics (Vinal).....	44, Feb.
Magnetostriiction Devices and Mechanical Filters for Radio Frequencies (Roberts) — Part I.	24, June
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Meteor Scatter (Villard and Peterson).....	11, Apr.
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Quick-and-Easy Chassis (Thomsen).....	58, Dec.
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Wide-Band Re-Entrant Networks (Fingers).....	35, Dec.
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Automatic Multiband Mobile Antennas and Mobile Antenna Characteristics (Fischino).....	11, June
Compact R.F. Assembly for 50- and 144-Mc. Mobile (Chambers).....	17, Nov.
Converting the Gomset Tri-Band to 40 Meters (H & K).....	51, Nov.
De Luxe 5-Band Mobile Transmitter, A (Leland).....	17, Dec.
Different Approach to High-Power Mobile, A (Jennings).....	28, Apr.
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"Hot-Rod" Mobile Antenna, The (Dimmire).....	18, Sept.
Manual Control of Generator Charging Rate (H & K).....	58, Feb.
Mobile-Antenna Mounting Hints (H & K).....	74, May
Mobile C.W. Reception with Three Components (H & K).....	51, Nov.
One-Tube 75-Meter Mobile Converter, A (Rountree).....	36, Mar.
QSYing the 75-Meter Mobile Antenna (Varndoe).....	26, July
Reflective-Type Call Signs (H & K).....	50, Sept.
Remote Mobile-Antenna Resonating (Picken and Wamborg).....	34, Dec.
Remote Tuning for the High-C VFO (Larky).....	36, Sept.
Revamping Auto Radios for 160-Meter Mobile (H & K).....	56, Jan.
Short Antennas for Mobile Operation (Belrose).....	30, Sept.
Simple Frequency Adjustment of Master Mount Antennas (H & K).....	58, Feb.
Single-Package Mobile Unit for 28 Mc., A (Tschannen).....	33, June
Summer Mobile (editorial).....	6, July
Suppression of Generator Whine (H & K).....	47, Oct.
Using Blown Industrial Fuses as Loading-Coil Forms (H & K).....	71, Apr.
S-Band Mobile Transmitter, An (Chambers).....	11, May

MODULATION

Diode Modulators (Technical Topics).....	39, Apr.
Low-Pressure Modulation Facts (Wright).....	15, July
Negative Feed-Back Modulation (Clay).....	17, Aug.
Sugar-Coated Single Sideband, More (Blanchard).....	31, Oct.

POWER SUPPLY

C-Bias Supply Using Voltage Regulator Tubes in Parallel (H & K).....	57, Dec.
Homemade Power Plug for the PE-103 (H & K).....	48, July
Low-Voltage Filament Supplies (Gaus).....	35, Feb.
Manual Control of Generator Charging Rate (H & K).....	58, Feb.
Rectifier Tube-Socket Kink (H & K).....	51, Nov.
Suppression of Generator Whine (H & K).....	47, Oct.
Voltage-Multiplying Circuits (Rumble).....	25, Jan.

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(See "Audio-Frequency Equipment & Design;" also "Modulation")

RECEIVING

ABCs of V.H.F. Receiver Design, Some (Tilton).....	40, Jan.
All-Purpose Super-Selective I.F. Amplifier (Goodman) — Feed-back.....	23, Mar.
Antenna Coupler Helps the Receiver, Too, The (Glauber).....	144, May
Auto-Alarm Unit for "Conelrad," An (Lindsey).....	47, Apr.
BC-459A Calibration Crystal for Converter Use (H & K).....	17, Sept.
Command-Set Receiver for 6 and 10, A (Faulkner).....	22, Sept.
Converting the Gomset Tri-Band to 40 Meters (H & K).....	51, Nov.
Crystal-Controlled Converter for 21 Mc. (H & K).....	62, Mar.
Design Notes on a Specialized "Phone Receiver (Ehrlich).....	31, Apr.
Good Four-Tube Superhet, A (Goodman) — Feed-back.....	19, Jan.
Improving the Series Noise Limiter (Lorenzen).....	61, Mar.
Inexpensive Radioteletype Converter, An (Bernstein).....	30, Apr.
Let's Listen (McCoy).....	44, Jan.
Low-Noise R.F. Amplifiers for 144 and 120 Mc. (Tilton) — Feed-back.....	43, Mar.
Mechanical Bandpass Filters for I.F. Ranges (Roberts).....	13, Aug.
Mobile C.W. Reception with Three Components (H & K).....	22, Sept.
Modifying the Heathkit AR-1 Receiver for Amateur Use (McCoy).....	51, Nov.
Notes on Improving Small-Receiver Performance, Some (Goodman).....	38, May
Notes on V.H.F. Converter Design (Van Duyne and Trepau).....	10, July

One-Tube 75-Meter Mobile Converter, A (Rountree).....	45, Dec.
QRN Rejection the Simple Way (McCoy).....	52, Feb.
Revamping Auto Radios for 160-Meter Mobile (H & K).....	56, Mar.
8-Meter Circuit for Both A.M. and S.S.B. Signals (H & K).....	22, June
Selenium-Rectifier Audio Limiter (H & K).....	56, Jan.
Simple Audio Limiter (H & K).....	51, Nov.
Single-Control Transmitter-Receiver, A (Treuke).....	71, Apr.
220-Mc. Station for the Beginner, A (Tilton and Southworth) — Part I.....	26, May

11, Oct.

REGULATIONS

Call-Sign Identification.....	48, May
Calling Frequencies Abandoned — Emergency Rules Amended.....	38, Feb.
Canadian Get 7-Mc. Phone.....	34, Mar.
General Class Exam Changed.....	48, Oct.
Korea Restriction.....	49, Aug.
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Novice and F.S.K. Privileges Being Expanded.....	37, Feb.
Scatter-Sounding Okayed.....	39, Feb.
Special Call Privileges Retained.....	38, July
What Bands Available?.....	43, Sept.
21-Mc. Privileges Expanded.....	34, Mar.
40-Meter 'Phone To Be Opened.....	37, Feb.
75 and 20 'Phone "Class A" Requirements Being Dropped	36, Feb.

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All-Purpose Super-Selective I.F. Amplifier (Goodman) — Feed-back.....	23, Mar.
Diode Modulators (Technical Topics).....	144, May
"Little Firecracker" Linear Amplifier, The (Rus) — Feed-back.....	31, Apr.
Low-Pressure Modulation Facts (Wright).....	39, Apr.
Magnetostriiction Devices and Mechanical Filters for Radio Frequencies (Roberts) — Part I.	10, Sept.
Part II.....	10, Oct.
Part III.....	15, July
Mechanical Bandpass Filters for I.F. Ranges (Roberts).....	22, Feb.
On the Air with Single Sideband Automatic Antenna Switching (Rust).....	24, June
Bandpass Crystal Filter for Receiving (Duemo).....	28, July
Carrier-Null Indicator, A (Moynahan).....	32, Aug.
Cascade Driver Stage, A (Hale).....	46, Aug.
Different Balanced Modulator and Crystal Filter, A (Stone).....	47, Aug.
Grounded-Grid Liner (Felsch).....	50, Apr.
Half-Lattice Crystal-Filter Exciter, A (Huff).....	48, June
High-Level Converters.....	51, Feb.
High-Power Mixer, A (Schwalle).....	47, June
High-Powered Grounded-Grid Linear Amplifier, A (Brown).....	51, Apr.
Measuring Sideband Suppression (Wright).....	47, Jan.
Oscillator for the Edmunds Exciter, An (Davey).....	47, Aug.

Peak-Level Control (Mann).....	48, Mar.; 42, Nov.
Receiver for 20-Meter Mobile S.S.B., A (Vitale).....	46, Aug.
Regulated Screen Supply, A (Weaver).....	47, Jan.
Shifting Filter-Crystal Frequencies.....	51, Apr.; 42, Nov.
Simple Audio Oscillator for Tune-Up, A (Smith).....	51, Apr.
VFO for the 10-A Exciter, A (Cooper).....	42, Nov.
Voice-Controlled Break-In Circuit (Kinney).....	49, Mar.; (Brandt).....
Zero-Bias Tube for Linear Amplifiers (Thomas, Davey).....	47, Aug.
75- and 40-Meter S.S.B. Operation (Porazzo).....	126, May
Single Side-Saddle Linear, The (Eckhardt).....	25, Nov.
Sugar-Coated Single Sideband, More (Bianchard).....	31, Oct.

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Coffee-Can Rig, Another (Hayward).....	43, Jan.
Compact R.F. Assembly for 50- and 144-Mc. Mobile (Chambers).....	17, Nov.
De Luxe 5-Band Mobile Transmitter (Leland).....	17, Dec.
Desk-Top Driver-Amplifier, A (Dennison).....	24, Oct.
Different Approach to High-Power Mobile, A (Jennings).....	28, Apr.
Eighty Watts on Six Bands (Mix).....	20, Aug.
Four-Band Miniature 'Phone-C.W. Rig, A (Deane).....	26, Aug.
Feed-back.....	10, Oct.
Hand-Carried Portable Rig for 220 Mc. (Wolfskill).....	45, May
Multiband Circuit for the Emergency-Powered Rig, A (Reddie).....	27, Sept.
Novice 80- and 40-Meter One-Tube Rig (McCoy).....	32, Jan.
Self-Contained VFO Rig, A (Countryman).....	28, Nov.
Simple Heterodyne Exciter for 10 Meters, A (Faulkner).....	25, Feb.
Single-Control Transmitter-Receiver, A (Treuke).....	21, Nov.
Single-Package Mobile Unit for 28 Mc., A (Tschannen).....	26, May
Structural Details of the Detroit C.D. Portables (Udy and Gardella).....	33, June
Sweep-Tube C.W. Rig for 3.5 and 7 Mc., A (Chambers).....	16, Feb.
Two-Control Multiband Transmitting Unit (Herring).....	35, Apr.
Wide-Range High-Power Pi-Network Final, A (Farrar).....	23, Dec.
8-Band Mobile Transmitter, An (Chambers).....	34, Oct.
220-Mc. Station for the Beginner, A (Tilton and South- worth) — Part II.....	11, May
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Better Keying for the Converted BC-457 (H & K).....	62, Mar.
Clapp Oscillator — and Howl, The (Casey).....	19, Feb.
Combination Plate By-Pass and Neutralizing Capacitor (H & K).....	62, Mar.
Control Circuit for Viking-I Transmitters (H & K).....	47, Oct.
F.S.K. System for the Amateur Teletype Station (Bar- lett).....	23, Aug.
Improved Stability for the Elmac Transmitter (H & K).....	62, Mar.
Inexpensive Radioteletype Converter, An (Bernstein).....	44, Jan.
Is Your Rig R.F.-Tight? (Schreiber).....	29, Aug.
Isolating Oscillator, An (Clay).....	40, Mar.
"Little Firecracker" Linear Amplifier, The (Russ).....	10, Sept.
Feed-back.....	10, Oct.
Modified Switching Circuit for the Elmac Transmitter (H & K).....	58, Feb.
Multiband Tuning for the 6146 Amplifier (Mix).....	33, May
Notes on Frequency-Shifting Crystal Oscillators, Some (Bernstein).....	31, July
Operating the BC-626 in TV Fringe Areas (Tilton).....	22, Dec.
Relay-Type Crystal-Switching Circuit (H & K).....	74, May
Remote Tuning for the High-C VFO (Larky).....	36, Sept.
Seafaring Kilowatt, A.....	31, Aug.
Simple Remote Tuning for the VFO (Mix).....	27, Jan.
Single Side-Saddle Linear, The (Eckhardt).....	25, Nov.
Suppressing TVI in the Meissner Signal Shifter (McCoy).....	33, Oct.
Tetrode Circuit for Champer Tubes (H & K).....	56, Jan.

Transistor — or 25 Miles on a Hunk of Germanium, The (Rose).....	13, Mar.
TVI Reduction in Strong-Signal Areas (Johnson).....	17, May

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ARRL TVI Demonstration Completes Its First Tour.....	16, Oct.
Channel-Strip TVI (Happenings of the Month).....	45, Nov.
Color Television and the Amateur (Grammer).....	31, Nov.
Combining the Antenna Coupler and Low-Pass Filter (Grammer).....	17, Mar.
FCC Public Notice — 21-Mc. TVI (Happenings of the Month).....	43, Sept.
Handling TVI Complaints Due to Poor TV Sets (Shook).....	51, June
Harmonic Radiation from External Nonlinear Systems (Seybold).....	11, Jan.
Is Your Rig R.F.-Tight? (Schreiber).....	29, Aug.
Merit Award to Rand (Happenings of the Month).....	44, Nov.
On the TVI Front	
Arlington, Texas, TVI Forum.....	16, Mar.
ARRL TVI Demonstration To "Barnstorm".....	50, June
Assist for TV Viewers.....	16, Mar.
Interference Aids Available.....	50, June
Roster of TVI Committees.....	16, Mar.
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Revised.....	44, Sept.
San Francisco Committee Reports Success.....	50, June
TVI Television Script Now Ready.....	44, Sept.
U.H.F. "Strip" — A Problem for the V.H.F. Man.....	62, Dec.
50-Mc. TVI Filter.....	44, Sept.
Operating the BC-606 in TV Fringe Areas (Tilton).....	22, Dec.
Progress Report on TVI Committees (Turner).....	48, Feb.
Suppressing TVI in the Meissner Signal Shifter (McCoy).....	33, Oct.
TVI and the Novice (McCoy).....	40, Oct.
TVI — Color . . . and Strip (editorial).....	9, Nov.
TVI Hints for the V.H.F. Man (Tilton).....	16, Apr.
TVI Reduction in Strong-Signal Areas (Johnson).....	17, May
TVI Script (editorial).....	9, July

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ABCs of V.H.F. Receiver Design, Some (Tilton).....	40, Jan.
Command-Set Receiver for 6 and 10, A (Faulkner).....	22, Sept.
Compact R.F. Assembly for 50- and 144-Mc. Mobile (Chambers).....	17, Nov.
Hand-Carried Portable Rig for 220 Mc. (Wolfskill).....	45, May
Let's Get Rolling on 220! (editorial).....	9, Oct.
Low-Noise R.F. Amplifiers for 144 and 420 Mc. (Tilton).....	13, Aug.
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Lunar DX on 144 Mc.!.....	11, Mar.
Multiband Circuit for the Emergency-Powered Rig, A (Reddie).....	27, Sept.
Noise Generators — Their Uses and Limitations (Tilton).....	10, July
Notes on V.H.F. Converter Design (Van Duyne and Treptau).....	52, Feb.
Remote Control with a 420-Mc. Link (Bowles and Dyee).....	32, July
Role of the Amateur in Propagation Studies, The (Tech- nical Topics).....	56, July
So-o-o Big!.....	26, Dec.
The World Above 80 Mc.	
Coaxial Grid Circuit for 4X-150A Amplifier (McMullen)	57, Aug.
Hints on Lowering Noise Figures.....	65, Nov.
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Plate Lines for the 9903 (Lee).....	54, Jan.
Using the 6146 Single-Ended (Pierce).....	57, Apr.
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2-Meter Mobile Enjoys a Boom.....	66, Oct.
TVI Hints for the V.H.F. Man (Tilton).....	16, Apr.
8-Band Mobile Transmitter, An (Chambers).....	11, May
220-Mc. Station for the Beginner, A (Tilton and South- worth) — Part I.....	11, Oct.
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